INDEX TO VOLUME 17

*Starred items are "Shorter Notes"

Adams, J. F., Lax, P. D. and Phillips, R. S. *"On matrices whose real linear combinations are nonsingular"; Correction to*, 945.

Al-Amiri, H. S. *Degree of approximation by polynomials to functions of bounded variation*, 984.

Alford, W. R. *Uncountably many different involutions of* S^3, 186.

Aljančić, S. *On the integral moduli of continuity in* $L_p(1<p<\infty)$ *of Fourier series with monotone coefficients*, 287.

Allsbrook, J. S. *A metrization theorem*, 878.

Alperin, J. L. and Gorenstein, Daniel. *The multiplicators of certain simple groups*, 515.

Al-Salam, W. A. *q-analogues of Cauchy's formulas*, 616.

Anderson, T. *A note on derivations of commutative algebras*, 1199.

Anderson, R. D. *On a theorem of Klee*, 1401.

Argabright, L. N. *A note on invariant integrals on locally compact semigroups*, 377.

Arsove, M. G. *On subharmonicity of doubly subharmonic functions*, 622.

Atsumi, Koichi. *On complete lattices having the Hausdorff interval topology*, 197.

Austin, A. K. *Finite models for laws in two variables*, 1410.

Ayoub, Raymond. *A note on the Riemann zeta function*, 1215.

Aziz, A. K. *Periodic solutions of hyperbolic partial differential equations*, 557.

———. Errata to *Periodic solutions of hyperbolic partial differential equations*, 1474.

Bagley, R. W. and Yang, J. S. *On k-spaces and function spaces*, 703.

Baker, I. N. *On a class of meromorphic functions*, 819.

Barnes, R. T. *On splitting fields for certain Lie algebras of prime characteristic*, 930.

Barrucand, Pierre and Dickinson, David. *On cubic transformations of orthogonal polynomials*, 810.

Baumann, Volker. *The boundary of the range of vector measure*, 865.

Baumslag, Gilbert. *A representation of the wreath product of two torsion-free abelian groups in a power series ring*, 1159.

Bechtell, Homer. *A note on finite solvable K-groups*, 1447.

Bellman, Richard. *A note on the identification of linear systems*, 68.

Bennett, Ralph. *Locally connected 2-cell and 2-sphere-like continua*, 674.

Benson, C. T. *A partial geometry* $(q^3+1, q^2+1, 1)$ *and corresponding* PBIB *design*, 747.

Biesterfeldt, H. J., Jr. See Pervin, W. J.

Blefko, R. and Mrówka, S. *On the extensions of continuous functions from dense subspaces*, 1396.

Blum, J. R. and Friedman, N. *On commuting transformations and roots*, 1370.

Boehme, T. K. *Convergence of positive functions in the space on Mikusiński operators*, 12.

*Bonic, Robert. *A note on Sard's theorem in Banach spaces*, 1218.

Borges, C. J. R. *On function spaces of stratifiable spaces and compact spaces*, 1074.

Boyd, A. C. *Coefficient estimates for starlike functions of order* α, 1016.

Brewer, B. W. *On primes of the form* u^3+5v^2, 502.

Brown, Arlen and Pearcy, Carl. *Spectra of tensor products of operators*, 162.

Brown, D. T. *A class of Banach algebras with a unique norm topology*, 1429.

Brown, Leon and Nakano, Hidegoro. *A representation theorem for Archimedean linear lattices*, 835.

Brualdi, R. A. *On the permanent and maximal characteristic root of a nonnegative matrix*, 1413.

INDEX TO VOLUME 17

*Starred items are "Shorter Notes"

Adams, J. F., Lax, P. D. and Phillips, R. S. *"On matrices whose real linear combinations are nonsingular"; Correction to*, 945.

Al-Amiri, H. S. *Degree of approximation by polynomials to functions of bounded variation*, 984.

Alford, W. R. *Uncountably many different involutions of* S^3, 186.

Aljančić, S. *On the integral moduli of continuity in* $L_p(1<p<\infty)$ *of Fourier series with monotone coefficients*, 287.

Allsbrook, J. S. *A metrization theorem*, 878.

Alperin, J. L. and Gorenstein, Daniel. *The multiplicators of certain simple groups*, 515.

Al-Salam, W. A. *q-analogues of Cauchy's formulas*, 616.

Anderson, T. *A note on derivations of commutative algebras*, 1199.

Anderson, R. D. *On a theorem of Klee*, 1401.

Argabright, L. N. *A note on invariant integrals on locally compact semigroups*, 377.

Arsove, M. G. *On subharmonicity of doubly subharmonic functions*, 622.

Atsumi, Koichi. *On complete lattices having the Hausdorff interval topology*, 197.

Austin, A. K. *Finite models for laws in two variables*, 1410.

Ayoub, Raymond. *A note on the Riemann zeta function*, 1215.

Aziz, A. K. *Periodic solutions of hyperbolic partial differential equations*, 557.

———. Errata to *Periodic solutions of hyperbolic partial differential equations*, 1474.

Bagley, R. W. and Yang, J. S. *On k-spaces and function spaces*, 703.

Baker, I. N. *On a class of meromorphic functions*, 819.

Barnes, R. T. *On splitting fields for certain Lie algebras of prime characteristic*, 930.

Barrucand, Pierre and Dickinson, David. *On cubic transformations of orthogonal polynomials*, 810.

Baumann, Volker. *The boundary of the range of vector measure*, 865.

Baumslag, Gilbert. *A representation of the wreath product of two torsion-free abelian groups in a power series ring*, 1159.

Bechtell, Homer. *A note on finite solvable K-groups*, 1447.

Bellman, Richard. *A note on the identification of linear systems*, 68.

Bennett, Ralph. *Locally connected 2-cell and 2-sphere-like continua*, 674.

Benson, C. T. *A partial geometry* $(q^3+1, q^2+1, 1)$ *and corresponding* PBIB *design*, 747.

Biesterfeldt, H. J., Jr. See Pervin, W. J.

Blefko, R. and Mrówka, S. *On the extensions of continuous functions from dense subspaces*, 1396.

Blum, J. R. and Friedman, N. *On commuting transformations and roots*, 1370.

Boehme, T. K. *Convergence of positive functions in the space on Mikusiński operators*, 12.

*Bonic, Robert. *A note on Sard's theorem in Banach spaces*, 1218.

Borges, C. J. R. *On function spaces of stratifiable spaces and compact spaces*, 1074.

Boyd, A. C. *Coefficient estimates for starlike functions of order* α, 1016.

Brewer, B. W. *On primes of the form* u^3+5v^2, 502.

Brown, Arlen and Pearcy, Carl. *Spectra of tensor products of operators*, 162.

Brown, D. T. *A class of Banach algebras with a unique norm topology*, 1429.

Brown, Leon and Nakano, Hidegoro. *A representation theorem for Archimedean linear lattices*, 835.

Brualdi, R. A. *On the permanent and maximal characteristic root of a nonnegative matrix*, 1413.

Burdick, R. O. *Oriented manifolds fibered over the circle*, 449.
Burton, T. A. *Linear differential equations with periodic coefficients*, 327.
———. *On a theorem of Brauer*, 325.
Calder, J. R. *A property of l_p spaces*, 202.
Cambern, Michael. *A generalized Banach-Stone theorem*, 396.
*Carlitz, L. *A short proof of Jacobi's four square theorem*, 768.
Carlson, B. C. *Some inequalities for hypergeometric functions*, 32.
Chamberlain, E. W. *The univalence of functions asymptotic to nonconstant logarithmic monomials*, 302.
Chao, C.-Y. *A note on two set-transitive permutation groups*, 953.
Chaudhuri, Jyoti. *On the generalisation of a formula of Rainville*, 552.
Chiang, P.-S. and Macintyre, A. J. *Upper bounds for a Bloch constant*, 26.
Chover, Joshua. *A law of the iterated logarithm for stable summands*, 441.
Clark, D. N. *A note on the p-adic convergence of solutions of linear differential equations*, 262.
*Clarkson, J. A. *On the series of prime reciprocals*, 541.
Clifford, A. H. *Partially ordered groups of the second and third kinds*, 219.
Clingman, W. H. *Permanently optimal strategies in extensive games*, 156.
Cohn, R. M. *An existence theorem for difference polynomials*, 254.
Coleman, Courtney. Addendum to *Local trajectory equivalence of differential equations*, 770.
*Coleman, D. B. *Idempotents in group rings*, 962.
Colwell, Peter. *On the boundary behavior of functions meromorphic in the unit disk*, 822.
———. *On the boundary of the Blaschke products in the unit disk*, 582.
Comfort, W. W. and Hill, Paul. *On extending nonvanishing semicharacters*, 936.
*Connell, I. G. *Abelian formal groups*, 958.
Conway, J. B. *Projections and retractions*, 843.
Corson, H. H. and Lindenstrauss, J. *On weakly compact subsets of Banach spaces*, 407.
Crabtree, D. E. *Characteristic roots of M-matrices*, 1435.
Culver, W. J. *On the existence and uniqueness of the real logarithm of a matrix*, 1146.
Darst, R. B. *A direct proof of Porcelli's condition for weak convergence*, 1094.
Das, Minaketan. *A class of entire functions with bowl-like surfaces*, 310.
Davenport, H. *Note on an irrational power series*, 1.
Davis, W. J. *Dual generalized bases in linear topological spaces*, 1057.
Dawson, D. F. *Linear methods which sum sequences of bounded variation*, 345.
Diaz, J. B. and Metcalf, F. T. *A complementary triangle inequality in Hilbert and Banach spaces*, 88.
Dickinson, David. See Barrucand, Pierre.
Douglas, R. G. *On extremal measures and subspace density*. II, 1363.
———. *On majorization, factorization, and range inclusion of operators on Hilbert space*, 413.
Duda, Edwin. *Reflexive compact mappings*, 688.
Durbin, J. R. *Finite supersolvable wreath products*, 215.
England, J. W. *A characterization of orbits*, 207.
Epstein, I. J. *Exponential solutions of linear systems of differential equations whose coefficient matrix is skew symmetric*, 48.
Etgen, G. J. *A note on trigonometric matrices*, 1226.
Feldman, Jacob. *Nonexistence of quasi-invariant measures on infinite-dimensional linear spaces*, 142.
Feustel, C. D. *Homotopic arcs are isotopic*, 891.

Fillmore, P. A. *On topology induced by measure*, 854.
Flatto, Leopold. *On polynomials characterized by a certain mean value property*, 598.
Foguel, S. R. *Existence of invariant measures for Markov processes*. II, 387.
Folkman, J. H. *On functions that commute with full functions*, 383.
Franke, C. H. *Solvability of linear homogeneous difference equations by elementary operations*, 240.
Friedberg, Michael. *A note on Haar-like measure for group-extremal semigroups*, 1079.
Friedman, N. See Blum, J. R.
Fulks, W. *A mean value theorem for the heat equation*, 6.
Fulton, C. M. *Golab's theorem*, 1099.
Galbraith, A. S. *On the zeros of solutions of ordinary differential equations of the second order*, 333.
Ganea, T. *On the homogeneity of infinite products of manifolds*, 1128.
Gardner, L. T. *Square roots in Banach algebras*, 132.
Garsia, A. M. and Rodemich, E. *On functions satisfying the mean value property with respect to a product measure*, 592.
Gibson, P. M. *A short proof of an inequality for the permanent function*, 535.
Ginsburg, Seymour and Spanier, E. H. *Bounded regular sets*, 1043.
Godino, Charles. *Outer automorphisms of certain p-groups*, 922.
Goldberg, J. L. *On the Sheffer A-type of polynomials generated by* $A(t)\psi[xB(t)]$, 170.
Goldberg, K. *Hadamard matrices of order cube plus one*, 744.
Goldstein, R. A. *Equality of minimal and maximal extensions of partial differential operators in* $L_p(R^n)$, 1031.
Goodman, A. W. *On the convexity of the level curves of a polynomial*, 358.
*Gordon, Basil. *On a theorem of Motzkin concerning power series with periodic gaps*, 537.
Gorenstein, Daniel. See Alperin, J. L.
Gorman, W. J. III. *Lebesgue equivalence to functions of the first Baire class*, 831.
———. *The homeomorphic transformation of c-sets into d-sets*, 825.
Gottlieb, D. H. *A certain class of incidence matrices*, 1233.
Grandy, R. E. *A note on the recursive unsolvability of primitive recursive arithmetic*, 146.
Gray, Alfred. *Spaces of constancy of curvature operators*, 897.
Greenberg, L. *Note on normal subgroups of the modular group*, 1195.
Greub, W. and Stamm, E. *On the multiplication of tensor fields*, 1112.
Greub, Werner and Tondeur, Phillippe. *On sectional curvatures and characteristic of homogeneous spaces*, 444.
Gross, Fletcher. *Solvable groups admitting a fixed-point-free automorphism of prime power order*, 1440.
Hagan, M. R. *Equivalence of connectivity maps and peripherally continuous transformations*, 175.
Halkin, Hubert. *A property of nonseparated convex sets*, 1389.
Halpern, Herbert. *The maximal GCR ideal in an AW* -algebra*, 906.
Halpern, J. D. *Bases in vector spaces and the axiom of choice*, 670.
*Hamsher, R. M. *Commutative, noetherian rings over which every module has a maximal submodule*, 1471.
Handel, David. *On stable vector bundles over real projective spaces*, 1125.
Hanson, D. L. and Katz, Melvin. *On the oscillation of sums of random variables*, 864.
Harary, Frank and Palmer, Ed. *Enumeration of mixed graphs*, 682.
Harris, M. E. *Some results on coherent rings*, 474.
Harrison, M. A. *The number of isomorphism types of finite algebras*, 731.
Harzheim, E. *An elementary number theoretical remark*, 534.

Hastings, S. P. *On the asymptotic growth of solutions to a nonlinear equation*, 40.
———. Errata to *On the asymptotic growth of solutions to a nonlinear equation*, 1474.
Hay, Louise. *Isomorphism types of index sets of partial recursive functions*, 106.
Heath, R. W. *A paracompact semi-metric space which is not an M_3-space*, 868.
Heerema, Nickolas. *Equivalence of tamely ramified v-rings*, 1207.
Hildebrandt, T. H. *Linear continuous functionals on the space* (BV) *with weak topologies*, 658.
Hill, Paul. *A solution to the nonvanishing semicharacter problem*, 1178.
*———. *Sums of countable primary groups*, 1469.
———. See Comfort, W. W.
Hillman, A. P., Mead, D. G., O'Keefe, K. B. and O'Keefe, E. S. *A dynamic programming generalization of xy to n variables*, 720.
———. *Ideals generated by products*, 717.
Himmelberg, C. J. *Preservation of pseudo-metrizability by quotient maps*, 1378.
———. *Quotient uniformities*, 1385.
Hochschild, G. *An addition to Ado's theorem*, 531.
Hodel, R. E. *Total normality and the hereditary property*, 462.
Hoo, C. S. *Remarks on the bordism algebra of involutions*, 1083.
Hornich, Hans. *A property of the real not regular functions C^∞*, 321.
Hsu, N. C. *Elementary proof of Hu's theorem on isotone mappings*, 111.
Hudson, S. N. Errata to *Transformation groups in the theory of topological loops*, 770.
Humm, M. M. and Kleinfeld, Erwin. *On extensions of Cayley algebras*, 1203.
Innis, George. *The uniformization of a hyperbolic Riemann surface*, 567.
Irwin, J. M., Richman, Fred and Walker, E. A. *Countable direct sums of torsion complete groups*, 763.
Isaac, Richard. *On regular functions for certain Markov processes*, 1308.
Isaacs, I. M. *A note on IC-p groups*, 1451.
*Isbell, J. R. *Directed unions and chains*, 1467.
Isbell, J. R. and Wright, F. B. *Another equivalent form of the axiom of choice*, 174.
Jabotinsky, E. *l-sequences for nonembeddable functions*, 738.
Jackson, Lloyd and Schrader, Keith. *On second order differential inequalities*, 1023.
Jain, S. K. *Polynomial rings with a pivotal monomial*, 942.
Janusz, G. J. *Primitive idempotents in group algebras*, 520.
Jenkins, J. A. *On a result of Nehari*, 62.
John, Fritz. *On symmetric matrices whose eigenvalues satisfy linear inequalities*, 1140.
Joichi, J. T. *Normed linear spaces equivalent to inner product spaces*, 423.
Jones, John Jr. *On the boundedness of solutions of second order nonlinear differential systems*, 1280.
Kaplan, Samuel. *Closure properties of $C(X)$ in its second dual*, 401.
Kasriel, R. H. and Nashed, M. Z. *Stability of solutions of some classes of nonlinear operator equations*, 1036.
Kassimatis, C. *Generalized derivatives and the de la Vallée Poussin derivative*, 633.
Katz, Melvin. See Hanson, D. L.
Kaufman, Robert. *Extension of functionals and inequalities on an abelian semi-group*, 83.
———. *Maximal semicharacters*, 1314.
*———. *Operators with closed range*, 767.
———. *Semicharacters on subsemigroups of an abelian topological group*, 1097
———. *Semigroups and de Leeuw's convexity theorem*, 1317.

Kennedy, P. B. and Szüsz, P. *On a bounded increasing power series*, 580.
Kim, J. B. *Completely 0-simple and homogeneous n regular semigroups*, 724.
King, J. P. *Almost summable sequences*, 1219.
Kirby, R. C. *On the annulus conjecture*, 178.
Kirk, W. A. *A theorem on local isometries*, 453.
Kirwan, W. E. *A note on extremal problems for certain classes of analytic functions*, 1028.
Kleinfeld, Erwin. See Humm, M. M.
Kleitman, D. *On a combinatorial problem of Erdös*, 139.
Knapp, A. W. *Regular boundary points in Markov chains*, 435.
Knill, R. J. *The cone axiom implies the homotopy axiom*, 200.
Knopfmacher, J. *Homology and presentations of algebras*, 1422.
Koch, C. F. and Marr, J. M. *A characterization of unions of two star-shaped sets*, 1341.
Korányi, Adam. *A Schwarz lemma for bounded symmetric domains*, 210.
Krishnarao, G. V. *Note on a Whitehead product*, 1131.
Krzywoblocki, M. Z. v. *On the geometry of streamlines in hydromagnetic fluid flows when the magnetic field is along a fixed direction*, 608.
Kuo, T.-N. *A theorem on the cohomology ring of nilpotent groups*, 1460.
Kwun, K. W. *Open manifolds with monotone union property*, 1091.
Lacey, H. E. and Morris, P. D. *Continuous linear operators on spaces of continuous functions*, 848.
Laufer, H. B. *Some remarks about a theorem of Hartogs*, 1244.
Lax, P. D. See Adams, J. F.
Leahey, W. J. *A new proof of a theorem of Kummer*, 497.
Leonard, W. W. Small modules, 527.
Lewittes, Joseph. *A note on parts and hyberbolic geometry*, 1087.
Lindenstrauss, J. See Corson, H. H.
Lipschutz, Seymour. *Generalization of Dehn's result on the conjugacy problem*, 759.
Livingston, A. E. *On the radius of univalence of certain analytic functions*, 352.
Lorch, Lee and Szego, Peter. *A Bessel function inequality connected with the stability of least square smoothing*, 330.
Lou, Betty and Passman, D. S. *Generalized Frobenius complements*, 1166.
Lyndon, R. C. *Equations in free metabelian groups*, 728.
McConnell, Alan. *A note on the Brauer group*, 956.
McCord, M. C. *Spaces with acyclic point complements*, 886.
McCrimmon, Kevin. *A note on quasi-associative algebras*, 1455.
———. *Bimodules for composition algebras*, 480.
———. *Finite power-associative division rings*, 1173.
McCulloh, L. R. *Cyclic extensions without relative integral bases*, 1191.
McLaughlin, T. G. *Retraceable sets and recursive permutations*, 427.
McShane, E. J. *On the solutions of the differential equation* $y''+p^2y=0$, 55.
Macintyre, A. J. *Convergence of* $i^{i^{i^{\cdot^{\cdot^{\cdot}}}}}$, 67.
———. See Chiang, P.-S.
Maravić, Manojlo, *On an application of slowly oscillating functions*, 969.
Marcus, Marvin. *Permanents of direct products*, 226.
Marcus, Marvin and Minc, Henryk. *An inequality for the elementary symmetric functions of characteristic roots*, 510.
Marr, J. M. See Koch, C. F.
Martin, D. A. *Completeness, the recursion theorem, and effectively simple sets*, 838.
Martin, J. F. P. *Two theorems in stability theory*, 636.
Mather, John. *Invariance of the homology of a lattice*, 1120.

Mathsen, R. M. *A disconjugacy condition for* $y'''+a_2y''+a_1y'+a_0y=0$, 627.
Mead, D. G. *A necessary and sufficient condition for membership in* $[uv]$, 470.
———. See Hillman, A. P.
Metcalf, F. T. See Diaz, J. B.
Michael, E. *A Selection theorem*, 1404.
Minc, Henryk. See Marcus, Marvin.
Mishra, B. P. *Multiplication theorems on strongly summable series*, 992.
Mitrović, Dragiša. *The homogeneous Hilbert boundary problem in a Banach algebra*. I, 1303.
Mordell, L. J. *Some quartic diophantine equations of genus 3*, 1152.
Morgan, R. C. *Uniqueness theorem for the reduced wave equation under an Nth order differential boundary condition*, 780.
Morris, P. D. See Lacey, H. E.
Montague, Stephen, and Thomas, Gomer. *A condition for a finite group to be nilpotent*, 1205.
Moyer, R. D. *A general uniqueness theorem*, 602.
Mrówka, S. See Blefko, R.
Mudholkar, G. S. *The integral of an invariant unimodal function over an invariant convex set—an inequality and applications*, 1327.
Nadler, S. B. Jr. *A characterization of the differentiable submanifolds of* R^n, 1350.
Nakai, Mitsuru. *Existence of positive harmonic functions*, 365.
———. *Finite interpolation for analytic functions with finite Dirichlet integrals*, 362.
Nakano, Hidegoro. See Brown, Leon.
Namioka, I. *On a recent theorem by H. Reiter*, 1101.
Nashed, M. Z. See Kasriel, R. H.
Nash-Williams, C. St. J. A. *On Hamiltonian circuits in finite graphs*, 466.
* Newman, D. J. *Successive differences of bounded sequences*, 285.
Obrock, Arthur. *An inequality for certain schlicht functions*, 1250.
Oikawa, Kôtaro. See Tamura, Jirô.
O'Keefe, E. S. See Hillman, A. P.
———. See O'Keefe, K. B.
O'Keefe, K. B. *Unusual power products and the ideal* Ly^3, 753.
O'Keefe, K. B. and O'Keefe, E. S. *The differential ideal* $[uv]$, 750.
———. See Hillman, A. P.
O'Neil, Richard. *Two elementary theorems on the interpolation of linear operators*, 76.
Oppenheim, A. *On the Diophantine equation* $x^3+y^3+z^3=x+y+z$, 493.
Osofsky, B. L. *Cyclic injective modules of full linear rings*, 247.
Owen, Guillermo. *Discriminatory solutions of n-person games*, 653.
Paige, E. C. *A generalization of a commutator theorem of Mikusinski*, 1417.
Palmer, Ed. See Harary, Frank.
Parry, William. *On the coincidence of three invariant σ-algebras associated with an affine transformation*, 1297.
Parthasarathy, T. *A note on compound simple games*, 1334.
Passman, D. S. *A note on the action of p-groups on abelian groups*, 915.
———. *Character kernels of discrete groups*, 487.
———. See Lou, Betty.
Pearcy, Carl. See Brown, Arlen.
Peck, N. T. *A note on representing measures*, 863.
Persinger, C. A. *A characterization of tame 2-spheres in* E^3, 213.
Pervin, W. J. and Biesterfeldt, H. J. Jr. *Regular topologies and posets*, 903.

Phelps, R. R. *Čebyšev subspaces of finite dimension in L_1*, 646.
Phillips, R. S. See Adams, J. F.
Piranian, George. *The shape of level curves*, 1276.
Pryce, J. D. *Weak compactness in locally convex spaces*, 148.
Pucci, Carlo. *Maximum and minimum first eigenvalues for a class of elliptic operators*, 788.
Rajagopalan, M. *Ergodic properties of automorphisms of a locally compact group*, 372.
Ramanujacharyulu, C. *A new general series of balanced incomplete block designs*, 1064.
Ratliff, L. J. Jr. *Note on analytically unramified semi-local rings*, 274.
Ratti, J. S. *On high indices theorems*, 1001.
Read, G. A. *On the location of singularities at the boundary of the domain of overconvergence*, 1258.
Reich, Edgar. *Elementary proof of a theorem on conformal rigidity*, 644.
Reiner, Irving. *Nilpotent elements in rings of integral representations*, 270
Rennison, J. F. *A note on the extension of associative products*, 1375
Reynolds, W. F. *Block idempotents of twisted group algebras*, 280.
Rickart, C. E. *The maximal ideal space of functions locally approximable in a function algebra*, 1320.
Richman, Fred. See Irwin, J. M.
Rider, Daniel. *Translation-invariant Dirichlet algebras on compact groups*, 977.
Ritter, W. E. *Notation systems and an effective fixed point property*, 390.
Robinson, R. L. *An estimate for the enumerative functions of certain sets of integers*, 232.
———. Errata to *An estimate for the enumerative functions of certain sets of integers*, 1474.
Robinson, S. M. *The intersection of the free maximal ideals in a complete space*, 468.
Rodabaugh, D. J. *Antiflexible algebras which are not power-associative*, 237.
Rodemich, E. See Garsia, A. M.
Roetman, E. L. *A Volterra equation with a very singular kernel*, 71.
*Rolf, H. L. *The free modular lattice, $FM(2+2+2)$, is infinite*, 960.
Rosen, Michael. *Two theorems on Galois cohomology*, 1183.
Rosenzweig, S. M. *On the number of inequivalent binary unimodular forms*, 948.
Rothaus, O. S. *Order isomorphisms of cones*, 1284.
———. *Unitary matrices as boundary values of analytic functions*, 349.
Rudin, Walter. *A converse to the high indices theorem*, 434.
Rushfield, Norman. *Inner factors and Blaschke products*, 572.
Russo, B. *Linear mappings of operator algebras*, 1019.
Sakai, Shôichirô. *On pure states of C^*-algebras*, 86.
Saworotnow, P. P. *Discrete complemented algebra*, 499.
Saxena, R. K. *An inversion formula for a kernel involving a Mellin-Barnes type integral*, 771.
Scheick, J. T. *Polynomial approximation of functions analytic in a disk*, 1238.
Schneider, Rolf. *A note on branch points of minimal surfaces*, 1254.
Schrader, Keith. See Jackson, Lloyd.
Schultz, M. H. *A generalization of the Lax equivalence theorem*, 1034.
Schuur, J. D. *The existence of proper solutions of a second order ordinary differential equation*, 595.
Selden, John. *Left zero simplicity in semirings*, 694.
Sell, G. R. *Periodic solutions of fourth-order differential equations*, 808.
Sen, R. N. *On conformally-flat Riemannian space of class one*, 880.
Sharp, Henry Jr. *Quasi-orderings and topologies on finite sets*, 1344.
Sheth, I. H. *On hyponormal operators*, 998.

Shult, E. E. *A note on splitting in solvable groups*, 318.
———. *Some analogues of Glauberman's Z*-theorem*, 1186.
Sibner, R. J. *Hyperbolic generators for Fuchsian groups*, 963.
Silverman, Edward. *Kirzbraun's theorem and Kolmogorov's principle*, 166.
Simon, Hermann. *Artinian and noetherian hypercentral groups*, 1407.
Smith, H. A. *Tensor products of locally convex algebras*, 124.
Snyder, L. E. *The Baire classification of ordinary and approximate partial derivatives*, 115.
———. *Approximate Stolz angle limits*, 416.
Soni, Kususm. *Some relations associated with an extension of Koshliakov's formula*, 543.
Spanier, E. H. See Ginsburg, Seymour.
Spira, Robert. *Approximate functional approximations and the Riemann hypothesis*, 314.
*———. *The nonvanishing of the Bernoulli polynomials in the critical strip*, 1466.
Sprecher, D. A. *On the structure of representations of continuous functions of several variables as finite sums of continuous functions of one variable*, 98.
Srivastava, K. N. *On dual series relations involving series of generalized Bateman K-functions*, 796.
Stamm, E. See Greub, W.
Stark, H. M. *On the asymptotic density of the k-free intergers*, 1211.
Steen, L. A. *On uniform approximation by rational functions*, 1007.
Steiner, A. K. *Complementation in the lattice of T_1-topologies*, 884.
Stiel, E. F. *On immersions with singular second fundamental form operators*, 699.
Stong, R. E. *On the squares of oriented manifolds*, 706.
Strauss, Aaron. *On the stability of a perturbed nonlinear system*, 803.
Strichartz, R. S. *Isomorphisms of group algebras*, 858.
Stringall, R. W. *A problem on endomorphisms of primary Abelian groups*, 742.
Sundaresan, K. *Orlicz spaces isomorphic to strictly convex spaces*, 1353.
Swanson, C. A. *A comparison theorem for elliptic differential equations*, 611.
———. *Enclosure theorems for eigenvalues of elliptic operators*, 18.
Szego, Peter. See Lorch, Lee.
Szüsz, P. See Kennedy, P. B.
*Tamura, Jirô, Oikawa, Kôtaro and Yamazaki, Keijiro. *Examples of minimal parallel slit domains*, 283.
Taylor, D. H. *Circumscribing cubes of a hyperellipsoid*, 1289.
Thomas, E. S. Jr. *Some characterizations of functions of Baire class* 1, 456.
Thomas, Gomer. See Montague, Stephen.
Tindell, Ralph. *Some wild imbeddings in codimension two*, 711.
Tondeur, Phillippe. See Greub, Werner.
Tully, E. J. Jr. *A class of naturally partly ordered commutative archimedean semigroups with maximal condition*, 1133.
Vaught, R. L. *Elementary classes closed under descending intersection*, 430.
Voichick, Michael. *Extreme points of bounded analytic functions on infinitely connected regions*, 1366.
Vosburg, A. C. *Metric entropy of certain classes of Lipschitz functions*, 665.
Walker, E. A. See Irwin, J. M.
Walsh, Bertram. *Spectral decomposition of quasi-Montel spaces*, 1267.
Warne, R. J. *Extensions of completely 0-simple semigroups by completely 0-simple semigroups*, 524
Waterman, Daniel. *The local finite-area principle in the half-plane*, 1012.
Welland, Robert. *Inclusion relations among Orlicz spaces*, 135.

Wells, R. O. Jr. *Holomorphic approximation on real-analytic submanifolds of a complex manifold*, 1272.
Widom, Harold and Wilf, Herbert. *Small eigenvalues of large Hankel matrices*, 338.
Wijsman, R. A. *Existence of local cross-sections in linear Cartan G-spaces under the action of noncompact groups*, 295.
Wilf, Herbert. Errata to *The stability of smoothing by least squares*, 542.
———. See Widom, Harold.
Wilken, D. R. *Maximal ideal spaces and A-convexity*, 1357.
Willett, D. *On an example in second order linear ordinary differential equations*, 1263.
Wolf, J. A. *Exotic metrics on immersed surfaces*, 871.
———. *Surfaces of constant mean curvature*, 1103.
Wong, J. S. W. *Remarks on global asymptotic stability of certain quasi-linear differential equations*, 815.
Wright, F. B. See Isbell, J. R.
Yamaguchi, Kunio. *On functions satisfying* $R\{f(z)/z\}>0$, 588.
Yamazaki, Keijiro. See Tamura, Jirô.
Yang, J. S. See Bagley, R. W.
Yasuhara, Mitsuru. *The cut elimination theorem in the unary second order language*, 1069.
Young, P. R. *A theorem on recursively enumerable classes and splinters*, 1050.
Zame, W. R. *A characterization of hereditarily indecomposable continua*, 709.
Zettl, Anton. *The lack of self-adjointness in three point boundary value problems*, 368

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

(Act of October 23, 1962; Section 4369, Title 39, United States Code)

1. *Date of filing:* September 23, 1966
2. *Title of Publication:* Proceedings of the American Mathematical Society
3. *Frequency of issue:* Six issues per year
4. *Location of known office of publication:* P. O. Box 6248, Providence, R. I. 02904
5. *Location of the headquarters or general business offices of the publishers:* P. O. Box 6248, Providence, R. I. 02904
6. *Names and addresses of publisher, editor and managing editor. Publisher:* American Mathematical Society, P. O. Box 6248, Providence, R. I. 02904. *Editor:* R. C. Buck, Chairman of the Editorial Committee, P. O. Box 6248, Providence, R. I. 02904. *Managing editor:* None
7. *Owner:* None
8. *Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities:* None
9. Paragraphs 7 and 8 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner. Names and addresses of individuals who are stockholders of a corporation which itself is a stockholder or holder of bonds, mortgages or other securities of the publishing corporation have been included in paragraphs 7 and 8 when the interests of such individuals are equivalent to 1 percent or more of the total amount of the stock or securities of the publishing corporation.

I certify that the statements made by me above are correct and complete.—Gordon L. Walker